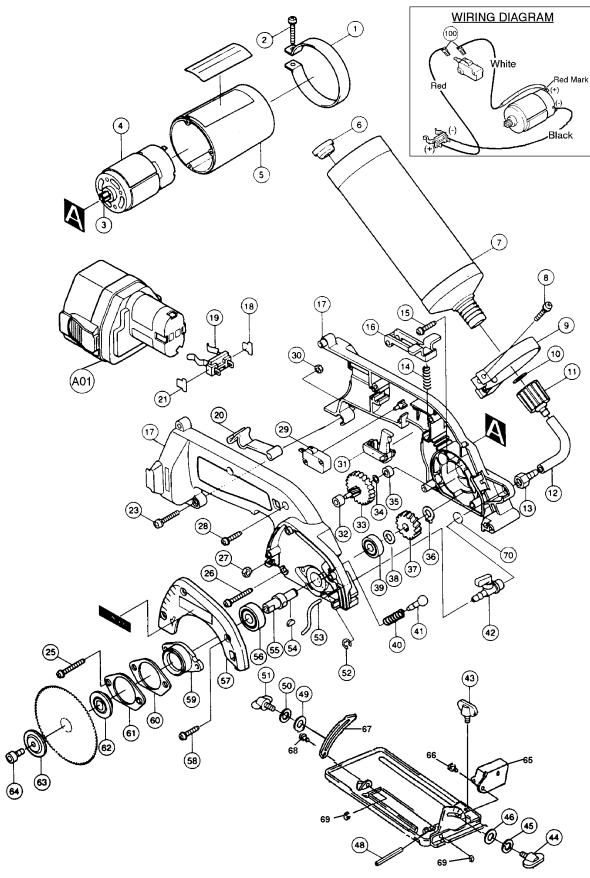
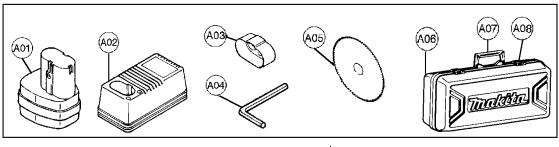


12V GLASS & TILE CUTTER

Model 4191DWA(MCA) Model 4191DZ(MCA)



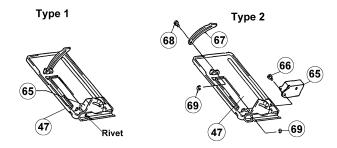


Item No.	Part No.	No. Used	Description	Item No.	Part No.	No. Used	Description
1	343530-1	1	Band B	45	942101-7	1	Spring Washer 5
2	911148-2	1	P.H. Screw M4x25	46	941101-4	1	Flat Washer 5
3	221882-9	1	Spur Gear 15	47	*	1	Base
4	629688-3	1	DC Motor 12V	48	951131-7	1	Spring Pin 4-40
5	416142-4	1	Motor Housing	49	941101-4	1	Flat Washer 5
6	421198-4	1	Cap	50	942101-7	1	Spring Washer 5
7	242030-7	1	Tank	51	251899-8	1	Screw M5x10
8	911148-2	1	P.H. Screw M4x25	52	961011-9	1	Stop Ring E-4
9	163159-5A	1	Tank Holder	53	331483-6	1	Nozzle
10	261056-0	1	Rubber Washer 12	54	254031-3	1	Woodruff Key 3
11	416146-6	1	Cap	55	322810-8	1	Spindle
12	416186-4	1	Vinyl Tube 5	56	211061-7	1	Ball Bearing 6000LLB
13	*	1	Nut	57	416147-4	1	Blade Case
14	233024-3	1	Compression Spring 4	58	265995-6	3	Tapping Screw 4x18
15	265995-6	3	Tapping Screw 4x18	59	415677-2	1	Bearing Box
16	415680-3	1	Lock Off Lever	60	421561-1	1	Packing
17	182850-6	1	Housing Set	61	163372-5	1	Retainer
18	423294-4	1	Rubber Sheet	62	224324-2	1	Inner Flange 28
19	643909-9	1	Battery Holder	63	224177-9	1	Outer Flange 28
20	343579-1	1	Set Plate	64	922212-4	1	Hex Socket Head Bolt M5x12
21	423294-4	1	Rubber Sheet	65	344595-6	1	Angular Guide
23	911148-2	1	P.H. Screw M4x25	66	268028-6	1	Pin 5
25	266050-7	2	Tapping Screw Flange PT 4x30	67	344593-0	1	Depth Guide
26	266050-7	1	Tapping Screw Flange PT 4x30	68	268004-0	1	Pin 4
27	931202-6	1	Hex Nut M5	69	961017-7	2	Stop Ring E-3
28	265995-6	3	Tapping Screw 4x18	100	654069-2	2	Receptacle
29	651891-8	1	Switch				
30	931102-0	1	Hex Nut M4				
31	415679-8	1	Switch Lever	Acces	sories		
32	214027-6	1	Plane Bearing 4				
33	226819-1	1	Gear Com. 8-68	A01	192681-5	1	12V Ni-Cad Battery 1220 (1.3Ah)
34	253307-5	1	Thin Washer 4		192296-8	1	12V Ni-CadBa ttery 1201 (1.7Ah)
35	214019-5	1	Plane Bearing 4		192598-2	1	12V Ni-Cad Battery 1222 (2.0Ah)
36	961004-6	1	Retaining Ring S-8				
37	226448-0	1	Helical Gear 33	A02	DC1411	1	Charger For Ni-Cad & Ni-MH
38	253215-0	1	Flat Washer 8				7.2V ~ 14.4V, 1.3Ah ~ 3.0Ah Batteries
39	211033-2	1	Ball Bearing 608LB	A03	414938-7	1	Battery Cover
40	231240-1	1	Compression Spring 7	A04	783202-0	1	Hex Wrench 4
41	268002-4	1	Pin 5	A05	724950-8C	1	3-3/8" Diamond Wheel (Old A-07179)
42	152536-6	1	Water Supply Cock Com. (Includes	A06	A82445-2	1	Plastic Carrying Case
			213014-2 O Ring 3)				(Includes Items A07 & A08)
43	251899-8	1	Screw M5x10	A07	A00181-7	1	Black Plastic Handle
44	251899-8	1	Screw M5x10	A08	A00188-3	2	Snap Lock

^{*} SEE SERVICE CHANGES

SERVICE CHANGES

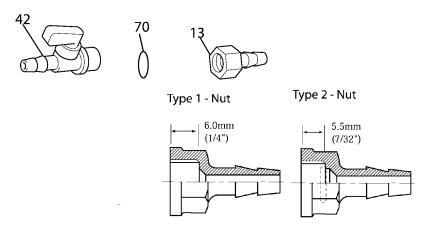
1. Change on Method of attaching Angular Guide.



Item No.	Description	iption Type 1	
47	Base	168301-3	168318-6
65	Angular Guide		344595-6
66	Pin 5		268028-6
67	Depth Guide		344593-0
68	Pin 4		268004-0
69	Stop Ring E-3		961017-7 (2 pcs)

Above parts are completely interchangeable as a set.

2. Change on Nut, Addition of O Ring.



Item No.	Description	Type 1	Type 2
13	Nut	416145-8	
			Space provided for O Ring
70	O Ring 7		213026-5

Above parts are completely interchangeable as a set.